

Term End Examination, December 2018

Course Code: CCSD-01

Course Title: Introduction to Climate Change and Sustainable Development: Principles and Approaches.

Full Mark: 100

Time: 3Hrs

Answer any Ten questions from Group – 'A' , any Four questions from Group – 'B' and any Four questions from Group –'C' and any Two from Group-'D'.

Group – 'A'
(Answer all questions)

Q.1.

- (a) What is climate?
- (b) Define Global Warming.
- (c) What is sustainable development?
- (d) Define Normal Lapse rate.
- (e) What is Tropopause?
- (f) What is the expanded form of IPCC?
- (g) Define Insolation.
- (h) What is evaporation?
- (i) What is jet stream?
- (j) What is El nino?

Group – 'B'
(Answer any four questions each within 50 words)

Q2. Write short notes on

- (a) Natural causes of climate change
- (b) Stratosphere
- (c) Tropical cyclone
- (d) Sustainable growth within planetary boundaries.
- (f) Green energy

Group – 'C'
(Answer any four questions each within 200 words)

Q.3.

- (a) Discuss elements of weather and climate.
- (b) Discuss the role of green energy in sustainable development.
- (c) Discuss the causes and consequences of global warming.
- (d) Discuss the impact of climate change on food security and human health.
- (e) Write an account on the international and national debates on climate change.
- (f) Discuss the global heat budget.

Group – 'D'
(Answer any two questions each within 250 words)

Q.4.

- (a) What is climate Change? Discuss its impact on both natural and man Made environment.
- (b) Discuss the structure and composition of the atmosphere.
- (c) Elaborate on the inter-relationship between urbanisation and climate change with an emphasis on developing countries.
- (d) What is sustainable growth? Discuss emerging trends in sustainable development strategies.

